

Converting Colors

HunterLab(23.3296, 45.5260,
-29.9863)

Have a look what the booklet for
HunterLab(23.3296, 45.5260,
-29.9863) contains.

HunterLab(23.3296, 45.5260, -29.9863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(23.3296, 45.5260,
-29.9863)**

Conversions

Conversions Part 1

Format	Color
Hex	790178
RGB	121, 1, 120
RGB Percent	47%, 0%, 47%
CMY	0.5255, 0.9960, 0.5294
CMYK	0.00, 0.99, 0.01, 0.53
HSL	301°, 98%, 24%
HSV	301°, 99%, 47%
XYZ	11.2861, 5.4427, 18.2250
YIQ	50.4460, 33.3210, 62.4490

Conversions

Conversions Part 2

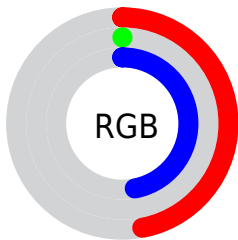
Format	Color
R_{YB}	121, 1, 120
Decimal	7930232
CIE _{Lab}	27.96, 56.27, -34.43
CIE _{LCh}	28, 65.966, 328.542
Yxy	5.4430, 0.3229, 0.1557
Android (android.graphics.Color)	4286120312 (0xFF790178)
YUV	50.4460, 34.2901, 61.8759
Hunter-Lab	23.3296, 45.5260, -29.9863

Details

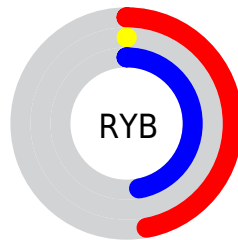
The HunterLab color **23.3296, 45.5260, -29.9863** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **36.9943, -31.6349, 22.1494**, and the grayscale version is **17.8914, -0.9546, 0.9721**.

A 20% lighter version of the original color is **40.9201, 49.9389, -31.1943**, and **12.9764, 25.7283, -18.7908** is the 20% darker color. If you saturate the color by 10%, you get **23.2827, 45.6957, -30.0965**, and if you desaturate by 10%, it is **23.9043, 43.4951, -28.6619**.

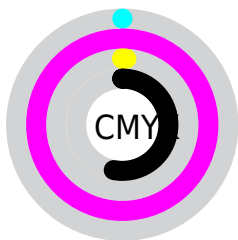
Distribution



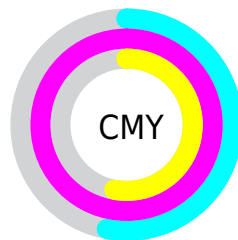
- Red (47%)
- Green (0%)
- Blue (47%)



- Red (47%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (99%)
- Yellow (1%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3296, 45.5260, -29.9863 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 23.3296, 45.5260, -29.9863 by changing the saturation by 10% instead.

■ 23.3296, 45.5260,
-29.9863

■ 23.3296, 45.5260,
-29.9863

■ 124.1028, 61.1210,
-34.6746

■ 15.8412, 43.5881,
-29.8593

■ 40.9438, 49.6194,
-31.0577

■ 9.3881, 42.2921,
-30.7732

■ 50.9119, 51.5675,
-31.6811

0.0000, INF, -NF

■ 61.5788, 53.4135,
-32.2894

0.0000, NaN, NaN

■ 72.9014, 55.1537,
-32.8625

0.0000, NaN, NaN

■ 84.8438, 56.7899,
-33.3907

0.0000, NaN, NaN

■ 97.3753, 58.3265,

0.0000, NaN, NaN

-33.8696

110.4693, 59.7684,
-34.2976

23.3296, 45.5260,
-29.9863

23.3296, 45.5260,
-29.9863

23.2827, 45.6957,
-30.0965

23.9043, 43.4951,
-28.6619

24.7592, 40.5877,
-26.7384

26.0209, 36.5422,
-24.0345

27.6801, 31.6232,
-20.7271

29.7076, 26.1360,
-17.0217

■ 32.0645, 20.3488,
-13.1001

■ 34.7095, 14.4602,
-9.0975

■ 37.6038, 8.5980,
-5.1018

■ 40.7130, 2.8343,
-1.1633

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.3301, 21.9729, -66.4178



23.3296, 45.5260, -29.9863



23.3301, 56.1293, 0.2468

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.3301, 45.5247, -29.9851



23.3301, -0.1847, 16.3311



23.3301, -27.5871, -26.4154

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



23.3296, 45.5260, -29.9863



36.9943, -31.6349, 22.1494

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.3301, -29.8578, 2.2487



23.3296, 45.5260, -29.9863



23.3301, -17.8944, 16.3311

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



23.3301, 45.5247, -29.9851



23.3301, 24.4845, 16.3311



23.3301, -27.0737, 13.8823



23.3301, -19.1376, -63.3407

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23.3296, 45.5260, -29.9863



23.3301, 52.3058, 10.6333



23.3301, -27.0737, 13.8823



23.3301, -28.9262, -15.0151

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



23.3301, 45.5247, -29.9851



45.8636, 20.5987, -13.0237



11.8697, 31.4832, -82.4925



21.3503, 11.1211, -7.0921



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.3301, 45.5247, -29.9851



31.1546, 61.1428, -40.2517



21.0330, 37.3541, 1.1674



20.1915, 1.3799, -0.5596



24.1021, 47.3036, -31.1536



52.6340, 103.2915, -67.9583

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.3301, 45.5247, -29.9851



31.1546, 61.1428, -40.2517



37.4411, -28.8481, 15.5738



20.1915, 1.3799, -0.5596



24.1021, 47.3036, -31.1536



52.6340, 103.2915, -67.9583

Previews

White Background



This preview shows how the HunterLab color 23.3296, 45.5260, -29.9863 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 23.3296, 45.5260, -29.9863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

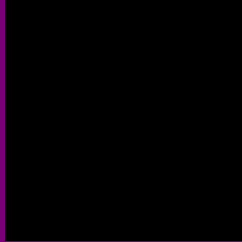
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 23.3296, 45.5260, -29.9863 Background



This preview shows how black text looks on a background with the HunterLab color 23.3296, 45.5260, -29.9863.



This preview shows how white text looks on a background with the HunterLab color 23.3296, 45.5260, -29.9863.

-29.9863.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

23.3296, 45.5260, -29.9863

Protanopia

24.3668, 7.2808, -46.1736

Deuteranopia

24.6268, 1.3028, -22.4147



Tritanopia

24.1676, 20.7210, 7.8517

Trichromacy



Original Color

23.3296, 45.5260, -29.9863

Protanomaly

19.8914, 20.2548, -53.5307

Deuteranomaly

21.1597, 19.4006, -32.9198

Tritanomaly

22.8439, 30.8982, -2.6596

Monochromacy



Original Color

23.3296, 45.5260, -29.9863

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.5429, 17.8046, -11.3759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3296, 45.5260, -29.9863 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 1, 120)` looks like.

```
.text, #text, p{  
    color:rgb(121, 1, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 1, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 1, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3296, 45.5260, -29.9863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 1, 120) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(121, 1, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(121, 1, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 1, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 1, 120);  
box-shadow:4px 4px 4px 4px rgb(121, 1,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.3296, 45.5260, -29.9863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 1, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121, 1,  
120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor